PCMCIA
Fax Modem 56K

Quick Installation Guide

M73-APO02-390

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REGULATORY STATEMENTS

FCC Part 68 Registration

The high speed PC card FAX/MODEM is registered with the FCC as compliant with the rules of Part 68, and use of this modem is subject to the following restrictions:

1. The Federal Communication Commission FCC has established rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin phones.
2. If this device is malfunctioning, it may also be causing harm to he telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.
3. The telephone company may make changes in it's facilities, equipment, operation and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the with the FCC.
4. If the telephone company requests information on what equipment is connected to their lines, inform them of:
    a. The telephone number which this unit is connected to
    b. The ringer equivalence number.
    c. The USOC jack required.
    d. The FCC Registration number.

Items (b) and (d) are indicated on the label. The Ringer Equivalence Number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the REN's of all the devices on any one line should not exceed 5.0. If too many devices are attached, they may not ring properly.

FCC Part 15 Registration

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an experienced radio/TV technician for help.

CTR 21 pan-European Certification

This equipment has been approved in accordance with Council Decision 98/482/EC for pan-European single terminal connection to the public switched telephone network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point. In the event of problems, you should contact your equipment supplier in the first instance.

This device is designed to work with the notified networks in all EC member states. Nevertheless, some of the network services in invidual countries might not be supported, but they will not affect the normal data and fax applications. For example, the metering charge service in Germany. Besides you may encounter difficulty of using PULSE dialing function in some of the countries, such as Nordic countries. This kind of network compatibility is dependent on the physical and software settings of this device. If the users are desired to use this device on those networks, they should contact the vendor or supplier first.

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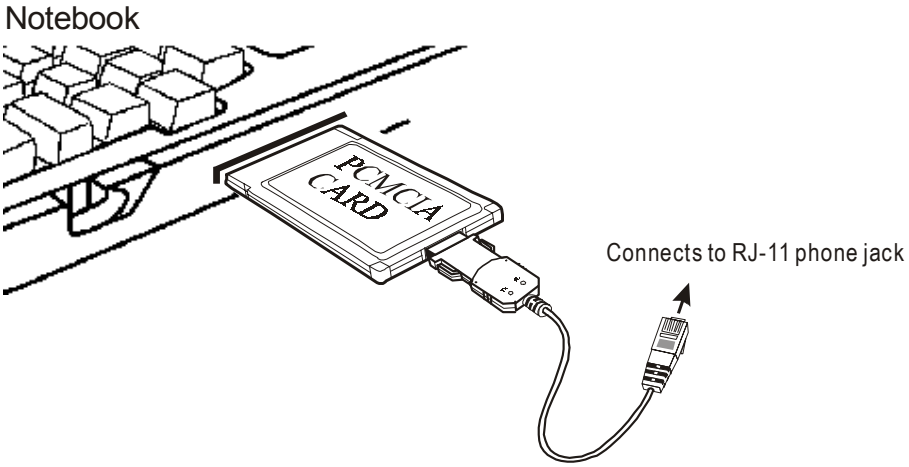
HARDWARE INSTALLATION

1. Locate the PCMCIA slot of your system.
2. Align the PCMCIA FAX MODEM 56K PC Card toward the PCMCIA slot. Push evenly and steadily until it is seated.



3. Connect the other end of the PC Card cable to the telephone line outlet.
4. You are now ready to continue the software installation.

CAUTION

To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

For Windows NT does not support "Hot Insert/Remove", be sure to complete the hardware installation as described above before you start Windows NT and software installation.

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SOFTWARE INSTALLATION

Installation for Windows 98

1. As soon as the PCMCIA Fax Modem 56K PC is inserted into the PCMCIA slot, Windows automatically detects the new hardware device and the following message will be prompted.
2. Insert the device driver compact disc into your CD-ROM drive. Click **Next**.
3. Select **Specify a location** when the following figure appears. Enter the CD-ROM drive letter followed by **driver\win98**. Click **Next**. Or you may click the **Browse** button to select the **driver\win98** folder in your CD-ROM drive.

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
F:\driver\win98
Browse...
< Back
Next >
Cancel

4. When the following figure appears, click **Finish.** The Installation program will continue.
5. Click **Next** to continue.
6. Select **Search for the best driver…** and click **Next**.
7. Follow the on-screen instruction to proceed.
8. Click **Next** to continue.

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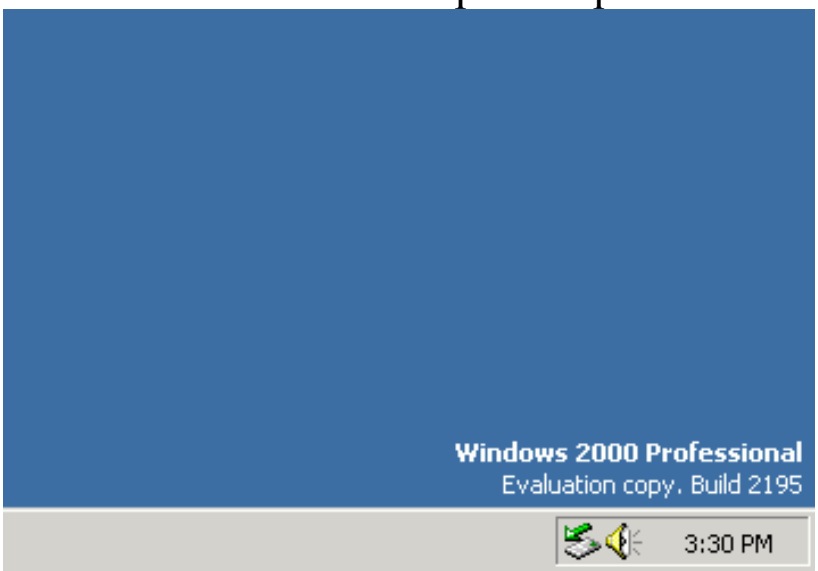
9. The installation program will proceed automatically. Click **Finish** to complete the installation.

Installation for Windows 2000

If you want to use the Microsoft built-in driver, make sure to execute **d:\Driver\Win2000\ PAR.exe**. Or perform the following procedures to update the latest driver.

1. Once the PCMCIA Fax Modem 56K PC Card is plugged into your PCMCIA slot, Windows will prompt you a standard PCMCIA Card Modem has been installed and ask you if you want to restart your computer. Select **No**.
2. Double-click the small icon at the right bottom on your screen as illustrated below. If the icon does not appear at all, go to **My Computer→ Control Panel→ System→Hardware→ device Manager**. Select **Modems** and skip to Step 4.



3. Click **Properties**.

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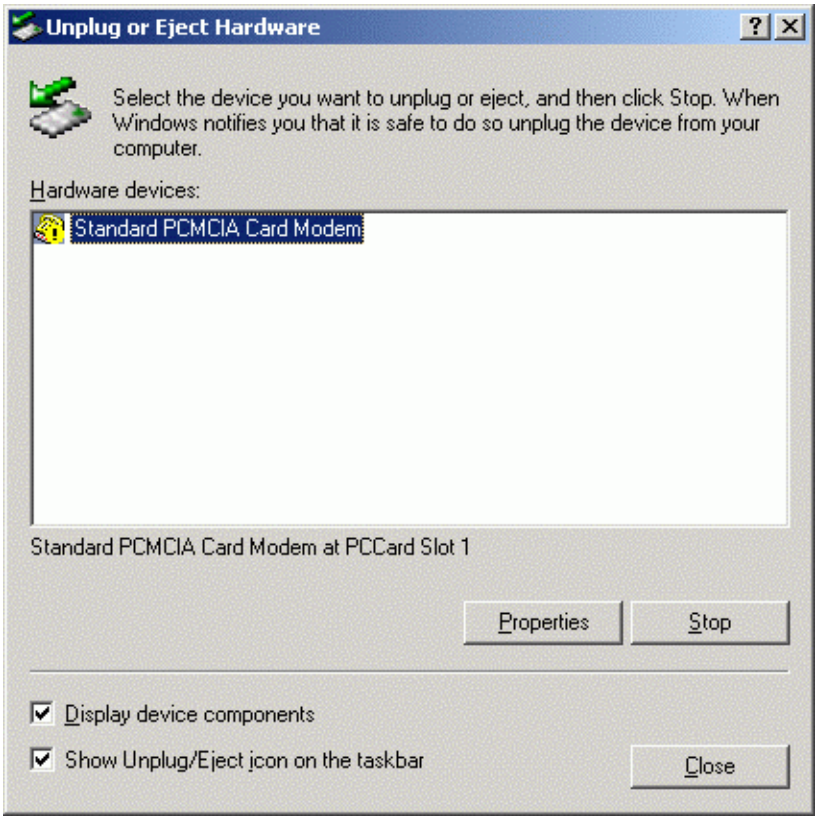
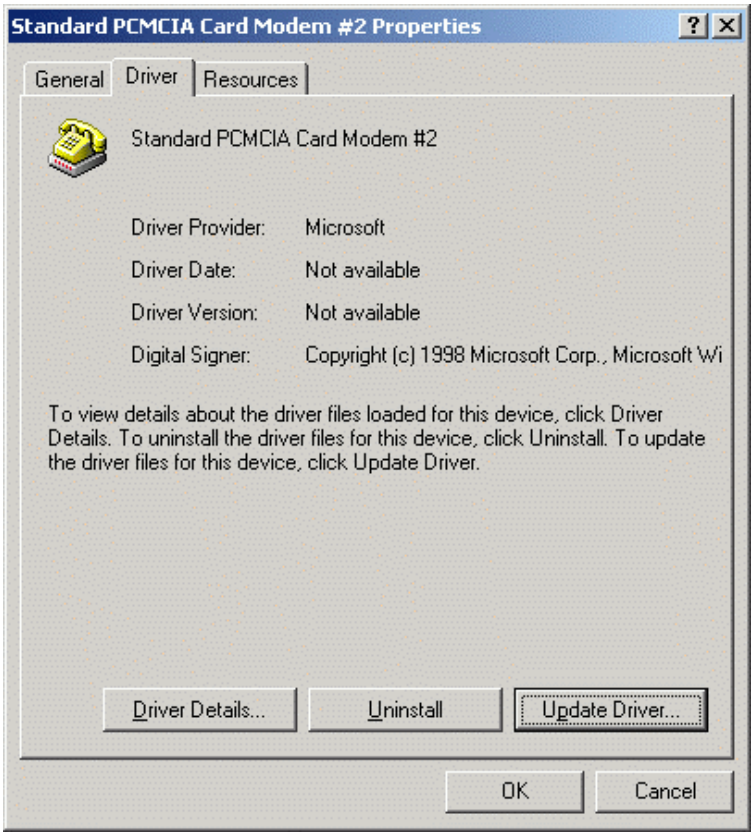

Unplug or Eject Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
Standard PCMCIA Card Modem
Standard PCMCIA Card Modem at PCCard Slot 1
Properties
Stop
Display device components
Show Unplug/Eject icon on the taskbar
Close

4. Select the **Driver** tab. Click the **Update Driver…**button.


Standard PCMCIA Card Modem #2 Properties
General
Driver
Resources
Standard PCMCIA Card Modem #2
Driver Provider: Microsoft
Driver Date: Not available
Driver Version: Not available
Digital Signer: Copyright (c) 1998 Microsoft Corp., Microsoft Wi
To view details about the driver files loaded for this device, click Driver Details. To uninstall the driver files for this device, click Uninstall. To update the driver files for this device, click Update Driver.
Driver Details...
Uninstall
Update Driver...
OK
Cancel

5. Click **Next** to continue.
6. Select **Display a list of the known drivers for this device so that I can choose a**

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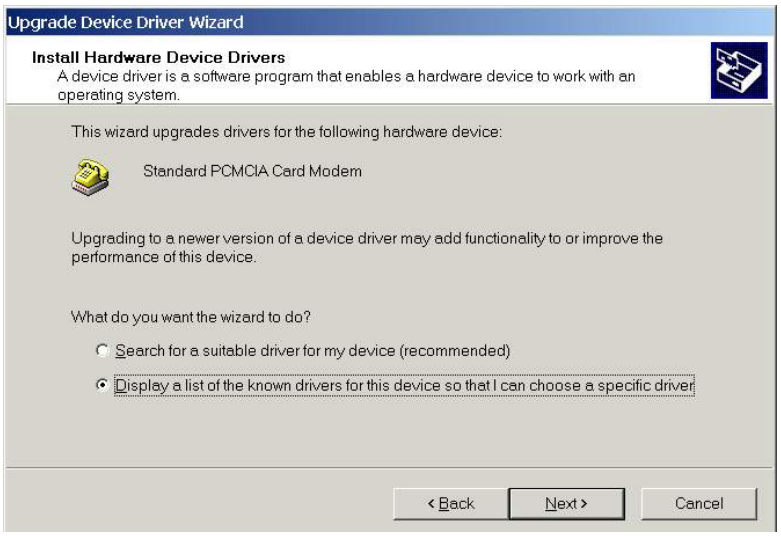
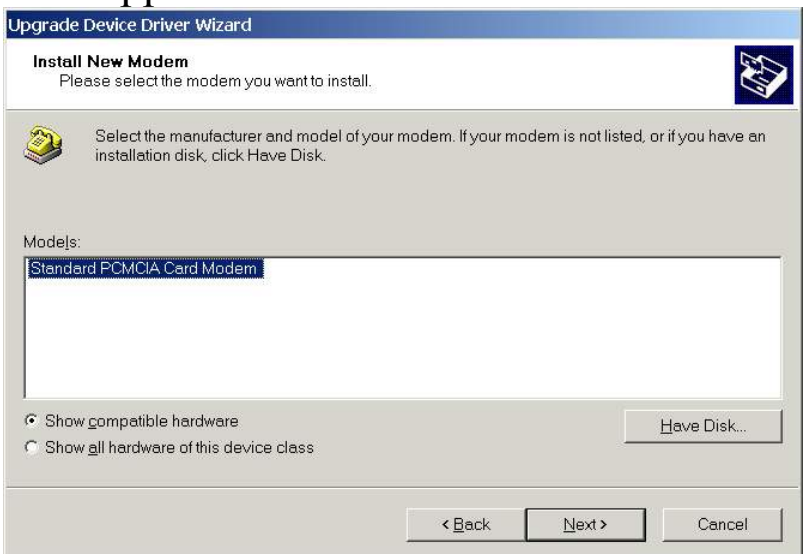
specific driver as illustrated below. And click **Next**.


Upgrade Device Driver Wizard
Install Hardware Device Drivers
A device driver is a software program that enables a hardware device to work with an operating system.
This wizard upgrades drivers for the following hardware device:
Standard PCMCIA Card Modem
Upgrading to a newer version of a device driver may add functionality to or improve the performance of this device.
What do you want the wizard to do?
Search for a suitable driver for my device (recommended)
Display a list of the known drivers for this device so that I can choose a specific driver
< Back
Next >
Cancel

7. Click **Have Disk** when the following dialog box appears.


Upgrade Device Driver Wizard
Install New Modem
Please select the modem you want to install.
Select the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk.
Models:
Standard PCMCIA Card Modem
Show compatible hardware
Show all hardware of this device class
Have Disk...
< Back
Next >
Cancel

8. Load the CD that contains the device driver into your CD drive. Click **Browse** and direct the proper file location with the disk drive followed by **Driver\Win2000\LTW2KG**.

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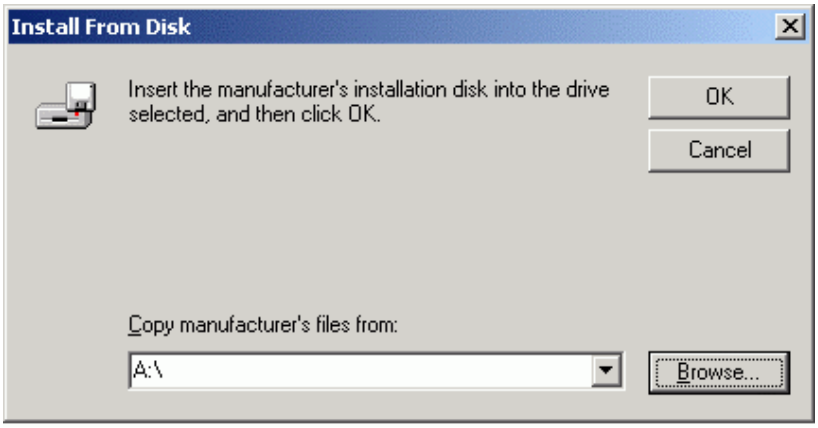
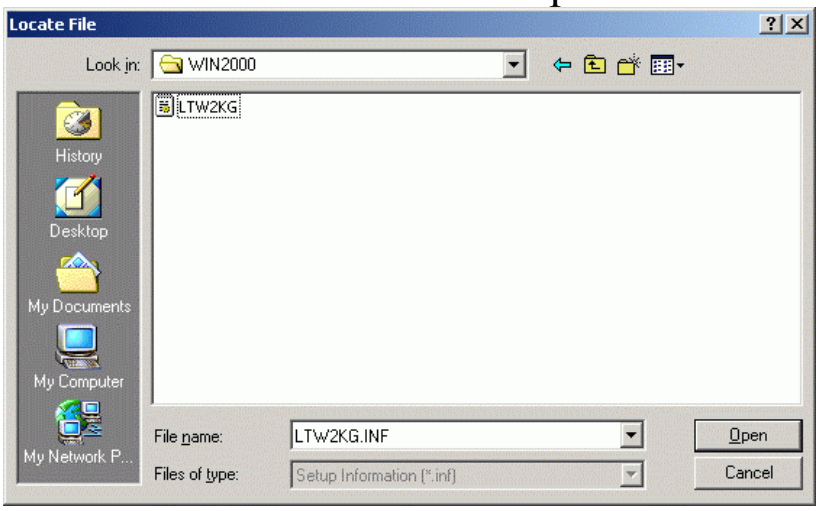
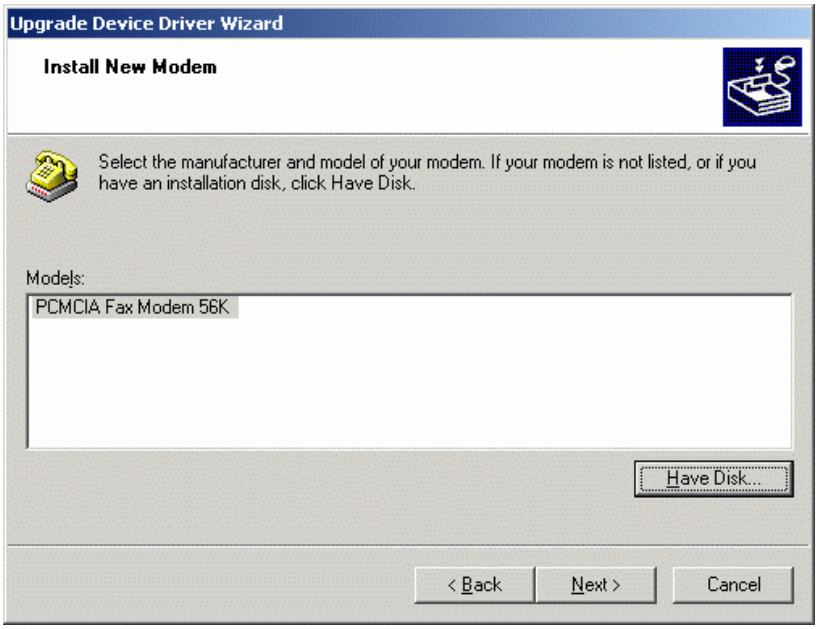


9. Select **LTW2KG**, and click **Open**. Follow the on-screen instructions to proceed.



10. When the following figure appears, click **Next**.


Upgrade Device Driver Wizard
Install New Modem
Select the manufacturer and model of your modem. If your modem is not listed, or if you have an installation disk, click Have Disk.
Models:
PCMCIA Fax Modem 56K
Have Disk...
< Back
Next >
Cancel

11. When Windows prompt you an **Update Driver Warning** message. Select **Yes**.

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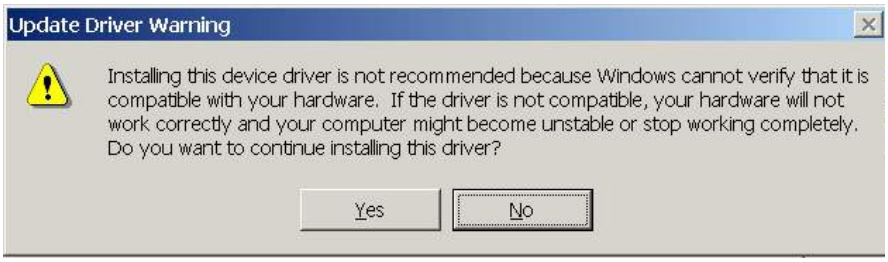
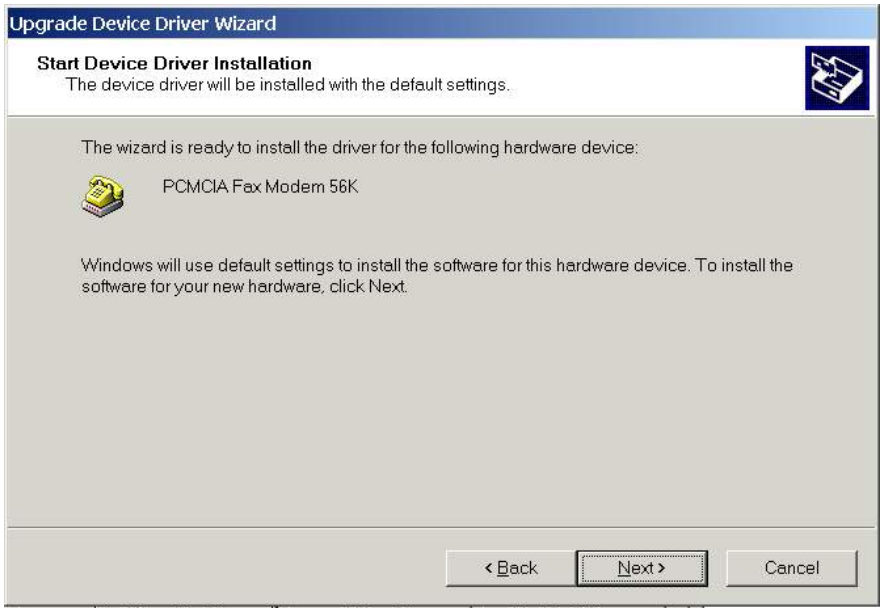

Update Driver Warning
Installing this device driver is not recommended because Windows cannot verify that it is compatible with your hardware. If the driver is not compatible, your hardware will not work correctly and your computer might become unstable or stop working completely. Do you want to continue installing this driver?
Yes
No

12. Click **Next** to continue.


Upgrade Device Driver Wizard
Start Device Driver Installation
The device driver will be installed with the default settings.
The wizard is ready to install the driver for the following hardware device:
PCMCIA Fax Modem 56K
Windows will use default settings to install the software for this hardware device. To install the software for your new hardware, click Next.
< Back
Next >
Cancel

13. Click **Yes** to continue at the **Digital Signature Not Found** screen.

Digital Signature Not Found
The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.
The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.
PCMCIA Fax Modem 56K
If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.
Do you want to continue the installation?
Yes
No
More Info

14. Click **finish** to complete the installation.

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Upgrade Device Driver Wizard
Completing the Upgrade Device Driver Wizard
PCMCIA Fax Modem 56K
Windows has finished installing the software for this device.
The hardware you installed will not work until you restart your computer.
To close this wizard, click Finish.
< Back
Finish
Cancel

15. Remember to restart your computer to activate this new device.

Installation for Windows Millennium

If you want to use the Microsoft built-in driver, make sure to execute **d:\Driver\WinME\PAR.exe**. Or perform the following procedures to update the latest driver.

1. Once the PCMCIA Fax Modem 56K PC Card is plugged into the PCMCIA slot of your system, Windows will automatically detect the Lucent Win Modem.
2. To update WDM Communication Device driver, right-click **My Computer→Properties→Device Manager.**
3. Click **WDM Modem Enumerator** to expand.

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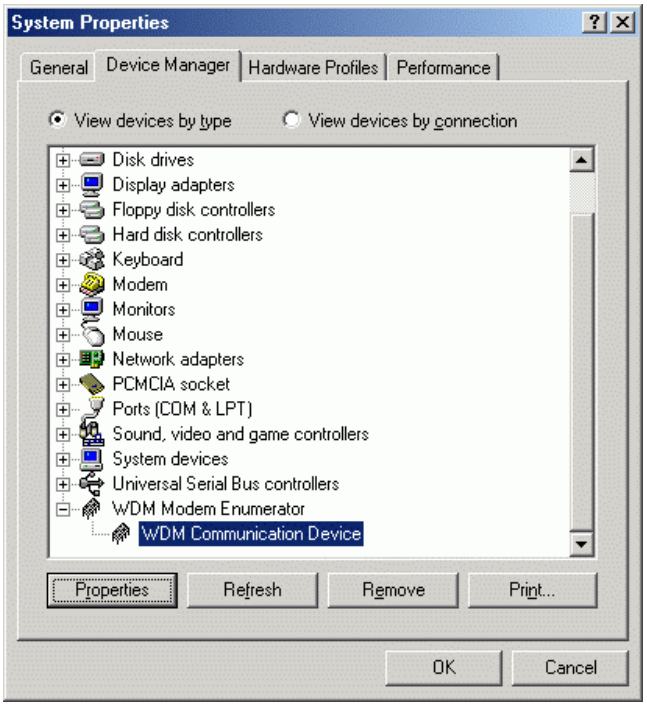
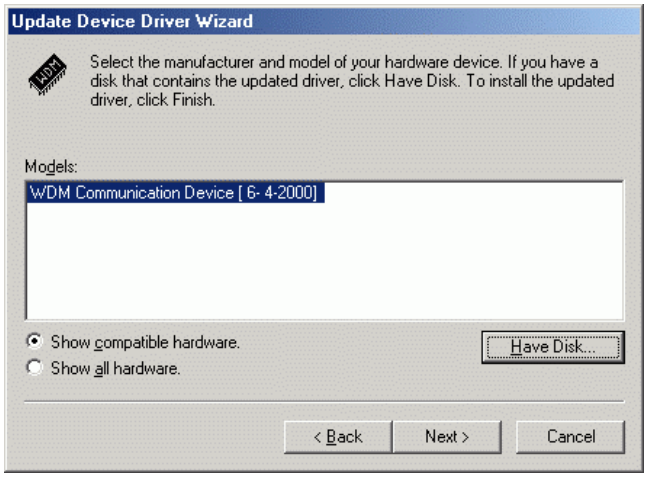


4. Load the device driver into the CD-ROM drive of your system. Click **Properties→Driver→ Update Driver.**
5. Select **Specify the location of the driver (Advanced)** and click **Next.**
6. Select **Display a list of all the drivers…**and click **Next.**
7. Click the **Have Disk…**button. Click **Browse** to select the CD-ROM drive where you put the device driver. (for example: D:\) Enter the CD-ROM driver letter followed by Driver\WinME.


Update Device Driver Wizard
Select the manufacturer and model of your hardware device. If you have a disk that contains the updated driver, click Have Disk. To install the updated driver, click Finish.
Models:
WDM Communication Device [6- 4-2000]
Show compatible hardware.
Show all hardware.
Have Disk...
< Back
Next >
Cancel

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8. Click **Next.**
9. Click **Next** to proceed.
10. Click **OK** to finish the installation.
11. Go back to step 2. Click **Modem** to expand.
12. Load the device driver into the CD-ROM drive of your system. Click **Properties→ Driver →Update Driver.**
13. Select **Specify the location of the driver (Advanced)** and click **Next.**
14. Select **Display a list of all the drivers…**and click **Next.**
15. Click the **Have Disk…**button. Click **Browse** to select the CD-ROM drive where you put the device driver. (for example: D:\) Enter the CD-ROM driver letter followed by Driver\WinME.
16. Click **Next.**
17. Click **Next** to proceed.
18. Click **Finish** to complete the installation.
19. To verify if the PCMCIA Fax Modem 56K exists in your system, go to **Device Manager. PCMCIA Fax Modem 56K** and **PCMCIA Fax Modem 56K WDM Modem Enumerator** should be found. If not, contact your dealer for technical support.

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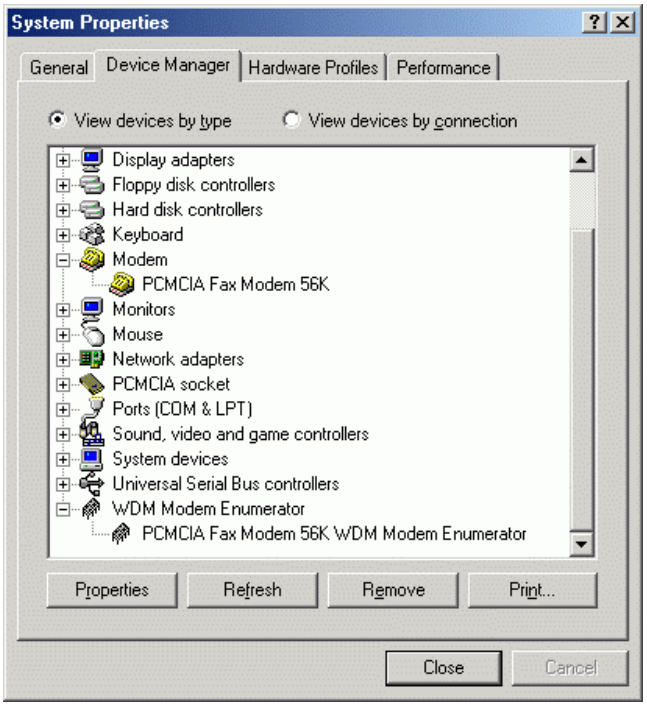
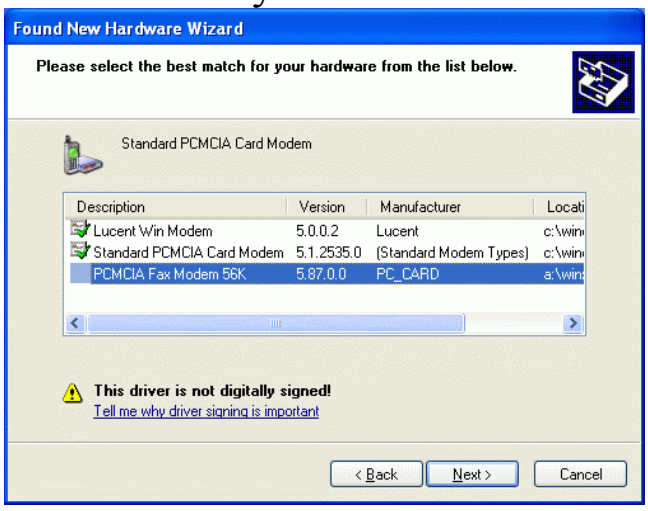


Installation for Windows XP

1. Once the device is well inserted into your PCMCIA slot, windows will prompt you the following message. Insert the device driver CD (or diskette). Select **install the hardware automatically …** and click **next**.
2. Select the device you inserted and click **next**.



3. Click **Continue Anyway**. Then windows will start to copy the appropriate driver into your system.
4. Click **finish** to complete the software installation.

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5. To verify if the device exists in your system, go to **Start → Control Panel →System →Hardware →Device Manager**. Check if the device is listed. If not, contact your dealer for technical support.

Installation for Windows NT

1. Before you start Windows NT, make sure the PCMCIA Fax Modem 56K PC Card has been properly inserted into the free PCMCIA slot of your computer.
2. Load the device driver compact disk in the CD-ROM drive.
3. Start Windows NT.
4. Go to **My Computer**.
5. Click the CD-ROM drive. Click the **driver\winnt** folder. Or you may click the **Browse** button to select the CD-ROM drive and the **driver\winnt** folder.
6. Double-click **setup.exe**. The installation program will proceed automatically.

Note: If Softex or Card Wizard was already installed in your system, Windows will appear message for PC Card malfunctioning. Ignore this message and install the WinNT driver. Remember to reboot after the installation.

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